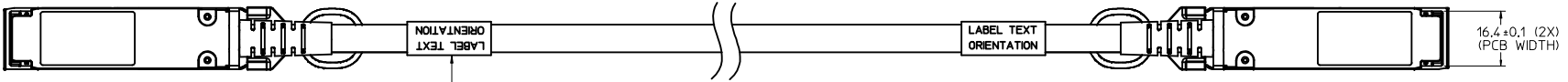
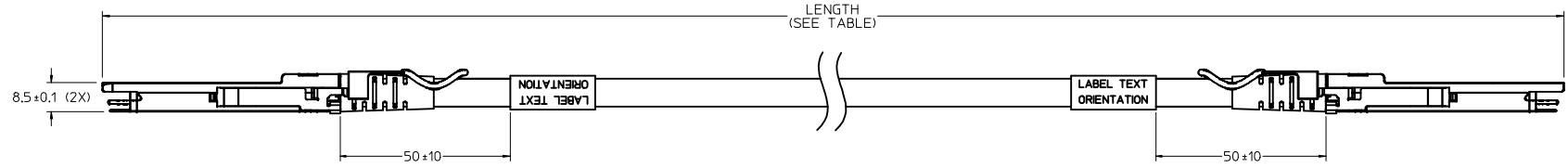
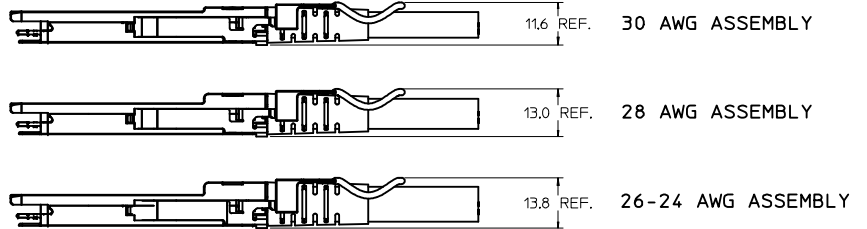


DETAIL 1
SCALE 4:1
PCB VIEWING HOLES



SEE SHEET 3 FOR LABEL DETAIL
(FOR CABLES UNDER 2 METERS. LABEL ON ONE END ONLY)

SEE SHEET 3 FOR P/N TABLE



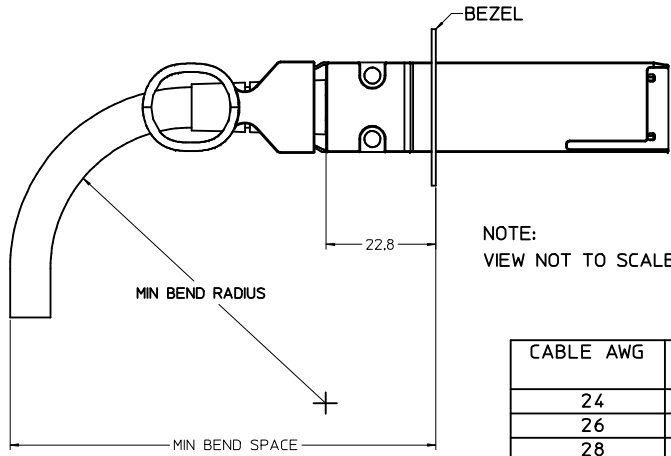
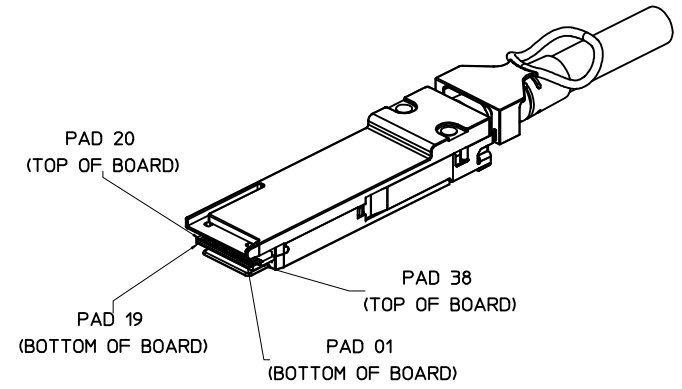
- NOTES:**
1. CABLE DISTANCE DEPENDS ON WIRE GAUGE, DATA RATE, AND HOST BOARD DRIVER CAPABILITIES
 2. MATERIALS:
 BACKSHELLS - ZINC DIE CAST WITH BRIGHT NICKEL PLATING
 DELATCH - STAINLESS STEEL WITH OVERMOLDED NYLON
 PCB - FR4
 RIVETS - STAINLESS STEEL
 3. IMPEDANCE - 100 OHMS DIFFERENTIAL
 4. RoHS COMPLIANT, WITH EXEMPTIONS

SEE REVISION TABLE EIC NO: CPG2015-2099 DRAWN: ENGRAVE 2014/10/30 CHKD: APPR: ARABIRN 2014/11/11 REV DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
	▽=0	mm INCH	MM ONLY	1:1	METRIC	☉
	▽=0	4 PLACES ± --- ± ---	BCHEN06_USY 2010/04/09	DATE	TITLE	
	▽=0	3 PLACES ± --- ± ---	2010/04/09	DATE	QSFP+ COPPER PATCH CABLE ASSEMBLY	
	ANGULAR ± --- °	1 PLACE ± 0.13 ± ---	APPROVED BY	DATE	DOCUMENT NO.	
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	0 PLACE ± --- ± ---	RM AHMOOD	2010/04/12	SD-111040-0001	
			WATERLAW NO.		SHEET NO.	
			SEE P/N TABLE		1 OF 3	
			THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			

WIRING DIAGRAM			
P1 END		P2 END	
PAD	SIGNAL		PAD SIGNAL
01	GND (TX)	----	20 GND (RX)
02	TX2n	---->	21 RX2n
03	TX2p	---->	22 RX2p
04	GND (TX)	----	23 GND (RX)
05	TX4n	---->	24 RX4n
06	TX4p	---->	25 RX4p
07	GND (TX)	----	26 GND (RX)
08	ModSelL	■ ■	27 ModPrsL
09	ResetL	■ ■	28 IntL
10	VccRx	■ ■	29 VccTx
11	SCL	■ NC	30 Vcc1
12	SDA	■ ■	31 LPMode
13	GND (RX)	----	32 GND (TX)
14	RX3p	<----	33 TX3p
15	RX3n	<----	34 TX3n
16	GND (RX)	----	35 GND (TX)
17	RX1p	<----	36 TX1p
18	RX1n	<----	37 TX1n
19	GND (RX)	----	38 GND (TX)
20	GND (RX)	----	01 GND (TX)
21	RX2n	<----	02 TX2n
22	RX2p	<----	03 TX2p
23	GND (RX)	----	04 GND (TX)
24	RX4n	<----	05 TX4n
25	RX4p	<----	06 TX4p
26	GND (RX)	----	07 GND (TX)
27	ModPrsL	■ ■	08 ModSelL
28	IntL	■ ■	09 ResetL
29	VccTx	■ ■	10 VccRx
30	Vcc1	■ NC	11 SCL
31	LPMode	■ ■	12 SDA
32	GND (TX)	----	13 GND (RX)
33	TX3p	---->	14 RX3p
34	TX3n	---->	15 RX3n
35	GND (TX)	----	16 GND (RX)
36	TX1p	---->	17 RX1p
37	TX1n	---->	18 RX1n
38	GND (TX)	----	19 GND (RX)

LEGEND:

- = THRU LINES
- > = TRANSMIT TO RECEIVE ON HIGH SPEED CIRCUITS
- C = COMMON GROUND CONNECTION
- NC = NOT CONNECTED
- = CONNECTION TO A DEVICE ON THE PCB



NOTE:
VIEW NOT TO SCALE.

CABLE BEND RADIUS

CABLE AWG	MIN BEND RADIUS (mm)	MIN BEND SPACE (mm)
24	51	84
26	44	76
28	39	70
30	33	62

NOTES:

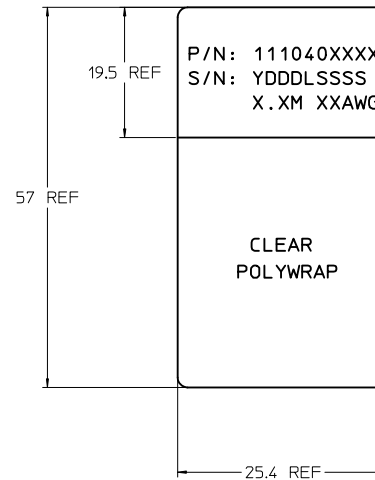
1. DC BLOCKING CAPS ON RECEIVE SIDE ONLY
2. CABLE COILED AND PACKAGED IN BEST FIT ESD BAG AND SEALED WITH ESD LABEL FOR SHIPPING

SEE REVISION TABLE EC NO: CPG2015-2099 DRAWN: ENGRAVE 2014/10/20 CHKD: APPR: ARABURN 2014/11/11 REV DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
	▽=0	mm INCH	MM ONLY	1:1	METRIC	☉
	▽=0	4 PLACES ± --- ± ---	DRAWN BY DATE	TITLE		
	▽=0	3 PLACES ± --- ± ---	BCHENO6_USY 2010/04/09	QSFP+ COPPER PATCH CABLE ASSEMBLY		
	2 PLACES ± 0.13 ± ---	CHECKED BY DATE	MATERIAL NO. DOCUMENT NO.			SHEET NO.
	1 PLACE ± 0.25 ± ---	APPROVED BY DATE	SEE P/N TABLE			2 OF 3
	0 PLACE ± ±	RMAMMOOD 2010/04/12	SD-111040-0001			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			

PART NUMBER TABLE

MOLEX P/N	LENGTH (M)	LENGTH TOLERANCE (mm)	AWG
1110401044	0.35	±30	30
1110401054	0.5	±30	30
1110401074	0.75	±30	30
1110401104	1.0	±50	30
1110401204	2.0	±50	30
1110401304	3.0	±50	30
1110401324	3.2	±50	30
1110401404	4.0	±50	30
1110401504	5.0	±80	30
1110401704	7.0	±80	30
1110402054	0.5	±30	28
1110402104	1.0	±50	28
1110402204	2.0	±50	28
1110402304	3.0	±50	28
1110402404	4.0	±50	28
1110402504	5.0	±80	28
1110402604	6.0	±80	28
1110402704	7.0	±80	28
1110403054	0.5	±50	26
1110403104	1.0	±50	26
1110403204	2.0	±50	26
1110403304	3.0	±50	26
1110403404	4.0	±50	26
1110403504	5.0	±80	26
1110403604	6.0	±80	26
1110403704	7.0	±80	26
1110404054	0.5	±50	24
1110404104	1.0	±50	24
1110404204	2.0	±50	24
1110404304	3.0	±50	24
1110404404	4.0	±50	24
1110404504	5.0	±80	24
1110404604	6.0	±80	24
1110404704	7.0	±80	24
1110404804	8.0	±80	24
1110409010	10.0	±80	30
1110409011	10.0	±80	28
1110409012	10.0	±80	26
1110409013	10.0	±08	24
1110409018	15.0	±80	24

CABLE LABEL DETAIL



YDDDLSSSS

Y = YEAR, THE LAST DIGIT OF THE YEAR
 DDD = DAY OF THE YEAR
 L = LOCATION (1=US, 2=MEXICO, 3=CHINA)
 SSSS = SERIAL NUMBER (0001-9999)

X.XM = LENGTH AS SHOWN IN P/N TABLE

XXAWG = AWG SIZE

SEE REVISION TABLE IEC NO: CPG2015-2099 DRAWN: ENGRAVE 2014/10/20 CHKD: APPR: RAYBURN 2014/11/11 REV DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
	▽=0	mm INCH	MM ONLY	1:1	METRIC	
	▽=0	4 PLACES ±---+---	DRAWN BY DATE	TITLE		
	▽=0	3 PLACES ±---+---	BCHEN06_USY 2010/04/09	QSFP+ COPPER PATCH CABLE ASSEMBLY		
	2 PLACES ±0.13+---	CHECKED BY DATE	MATERIAL NO.			
	1 PLACE ±0.25+---	KLLOYD 2010/04/09	SD-111040-0001			
	0 PLACE ±+---	APPROVED BY DATE	DOCUMENT NO.			
	ANGULAR ±---°	RAYMAHOOD 2010/04/12	3 OF 3			
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	SEE P/N TABLE	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			